

Water Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Humboldt County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
6: Okoboji-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Ponding Hard to pack	1.00 1.00 0.83	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
27B: Terril-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.46	Very limited Deep to water	1.00
54: Zook-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Hard to pack	1.00 1.00	Somewhat limited Slow refill Cutbanks cave	0.95 0.10
55: Nicollet-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.98	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
62F: Storden-----	Somewhat limited Seepage Slope	0.70 0.18	Very limited Piping	1.00	Very limited Deep to water	1.00
90: Okoboji-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Ponding Hard to pack	1.00 1.00 0.60	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
95: Harps-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.01	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
107: Webster-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.40	Somewhat limited Slow refill Cutbanks cave	0.30 0.10

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135: Coland-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 0.31	Somewhat limited Cutbanks cave	0.10
138B: Clarion-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
138C2: Clarion-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
175: Dickinson-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.95	Very limited Deep to water	1.00
Wadena-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
175B: Dickinson-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.95	Very limited Deep to water	1.00
175C: Dickinson-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.95	Very limited Deep to water	1.00
188: Kensett-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Thin layer	1.00 0.79	Very limited Depth to hard bedrock Cutbanks cave	1.00 0.10
201B: Coland-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 0.31	Somewhat limited Cutbanks cave	0.10
Terril-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.59	Very limited Deep to water	1.00
203: Cylinder-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.85	Very limited Cutbanks cave	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
221: Klossner-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping Ponding	1.00 1.00 1.00	Somewhat limited Cutbanks cave	0.10
236B: Lester-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.70	Very limited Deep to water	1.00
236C: Lester-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.70	Very limited Deep to water	1.00
236C2: Lester-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.38	Very limited Deep to water	1.00
236D2: Lester-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.38	Very limited Deep to water	1.00
236E: Lester-----	Somewhat limited Seepage Slope	0.70 0.04	Somewhat limited Piping	0.46	Very limited Deep to water	1.00
236F: Lester-----	Somewhat limited Seepage Slope	0.70 0.18	Somewhat limited Piping	0.38	Very limited Deep to water	1.00
253B: Farrar-----	Somewhat limited Seepage	0.70	Somewhat limited Piping Seepage	0.76 0.09	Very limited Deep to water	1.00
253C: Farrar-----	Very limited Seepage	1.00	Somewhat limited Piping Seepage	0.91 0.09	Very limited Deep to water	1.00
256G: Lester-----	Somewhat limited Seepage Slope	0.70 0.64	Somewhat limited Piping	0.76	Very limited Deep to water	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Storden-----	Somewhat limited Seepage Slope	0.70 0.64	Very limited Piping	1.00	Very limited Deep to water	1.00
259: Biscay-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.91	Very limited Cutbanks cave	1.00
274: Rolfe-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Ponding	1.00 1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
308: Wadena-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
308B: Wadena-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.93	Very limited Deep to water	1.00
330: Kingston-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.79	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
338: Garmore-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.82	Very limited Deep to water	1.00
339: Truman-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.97	Very limited Deep to water	1.00
339B: Truman-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.97	Very limited Deep to water	1.00
344B: Copaston-----	Very limited Seepage Depth to bedrock	1.00 1.00	Very limited Thin layer Piping Seepage	1.00 0.18 0.08	Very limited Deep to water	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
354: Aquolls-----	Very limited Seepage	1.00	Very limited Content of organic matter Depth to saturated zone Ponding	1.00 1.00 1.00	Somewhat limited Cutbanks cave	0.10
485: Spillville-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 0.80	Somewhat limited Cutbanks cave	0.10
506: Wacousta-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Ponding Piping	1.00 1.00 0.88	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
507: Canisteo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.01	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
508: Calcousta-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Ponding Piping	1.00 1.00 0.40	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
526: Wacousta-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Ponding Piping	1.00 1.00 0.28	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
536: Hanlon-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.08	Very limited Deep to water	1.00
638C2: Clarion-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Storden-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
659: Mayer-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.93	Very limited Cutbanks cave	1.00
823: Ridgeport-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.20	Very limited Deep to water	1.00
823B: Ridgeport-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
823C2: Ridgeport-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
828B: Zenor-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
828C2: Zenor-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
829D2: Zenor-----	Very limited Seepage Slope	1.00 0.01	Very limited Seepage	1.00	Very limited Deep to water	1.00
Storden-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
835D2: Storden-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
Omsrud-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00

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835E2:						
Storden-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
	Slope	0.04				
Omsrud-----	Somewhat limited		Very limited		Very limited	
	Seepage	0.70	Piping	1.00	Deep to water	1.00
	Slope	0.04				
956:						
Harps-----	Somewhat limited		Very limited		Somewhat limited	
	Seepage	0.70	Depth to saturated zone	1.00	Slow refill	0.30
					Cutbanks cave	0.10
Okoboji-----	Somewhat limited		Very limited		Somewhat limited	
	Seepage	0.70	Depth to saturated zone	1.00	Slow refill	0.30
			Ponding	1.00	Cutbanks cave	0.10
			Hard to pack	0.78		
1585:						
Spillville-----	Very limited		Very limited		Somewhat limited	
	Seepage	1.00	Depth to saturated zone	1.00	Cutbanks cave	0.10
			Piping	0.86	Deep to water	0.01
Coland-----	Very limited		Very limited		Somewhat limited	
	Seepage	1.00	Depth to saturated zone	1.00	Cutbanks cave	0.10
			Piping	0.35		
4000:						
Urban Land-----	Not rated		Not rated		Not rated	
5010:						
Pits, Gravel-----	Not rated		Not rated		Not rated	
5030:						
Pits, Quarries-----	Not rated		Not rated		Not rated	

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5040: Udorthents-----	Not rated		Not rated		Not rated	
5080: Udorthents-----	Not rated		Not rated		Not rated	
AW: Animal Waste Lagoon-	Not rated		Not rated		Not rated	
SL: Sewage Lagoon-----	Not rated		Not rated		Not rated	
W: Water-----	Not rated		Not rated		Not rated	